

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 2-2005)

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

S-0796 US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/540378INTERNATIONAL APPLICATION NO.
PCT/US02/41479INTERNATIONAL FILING DATE
26/12/2002PRIORITY DATE CLAIMED
26/12/2002

TITLE OF INVENTION

COMPOSITIONS AND METHODS FOR CONTROL OF BOVINE MASTITIS

APPLICANT(S) FOR DO/EO/US

James L. McNaughton

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☒ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. **ED 655963889US**
23. ☒ Other items or information:
Statement Under 37 CFR 3.73(b) with Assignment attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | | | |
|--|--------------|---|------|---|------------|
| U.S. APPLICATION NO (if known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold; text-align: center;">10/540378</div> | | INTERNATIONAL APPLICATION NO. <div style="font-weight: bold; text-align: center;">PCT/US02/41479</div> | | ATTORNEY'S DOCKET NUMBER <div style="font-weight: bold; text-align: center;">S-0796 US</div> | |
| The following fees are submitted: | | | | CALCULATIONS | PTO USE |
| 24. <input checked="" type="checkbox"/> Basic national fee | | | | \$300 | \$300.00 |
| 25. <input checked="" type="checkbox"/> Examination fee | | | | | |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). | | | | \$100 | \$100.00 |
| All other situations. | | | | \$200 | |
| 26. <input checked="" type="checkbox"/> Search fee | | | | | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority | | | | \$100 | |
| International Search Report prepared and provided to the Office | | | | \$400 | |
| All other situations. | | | | \$500 | |
| TOTAL OF 24, 25 and 26 = | | | | \$ | \$500.00 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | RATE | | |
| - 100 = | 0 | /50 = | 0 | x | \$250.00 |
| | | | | \$ | \$0.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 39 - 20 = | 19 | x | \$50.00 | \$950.00 |
| Independent claims | 2 - 3 = | 0 | x | \$200.00 | \$0.00 |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input checked="" type="checkbox"/> | | | | \$360.00 | \$360.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | \$1,810.00 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | \$905.00 |
| SUBTOTAL = | | | | \$ | \$905.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ | \$0.00 |
| TOTAL NATIONAL FEE = | | | | \$ | \$905.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property | | | | \$ | \$0.00 |
| TOTAL FEES ENCLOSED = | | | | \$ | \$905.00 |
| | | | | Amount to be | \$ |
| | | | | Amount to be | \$ |

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 502768. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

SIGNATURE
 John F. Sieberth
 NAME
 17,704
 REGISTRATION NUMBER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JAMES L. MCNAUGHTON

APPLN. NO. ---

FILED: HEREWITH

**COMPOSITIONS AND METHODS FOR
CONTROL OF BOVINE MASTITIS**

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DATE: June 23, 2005

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

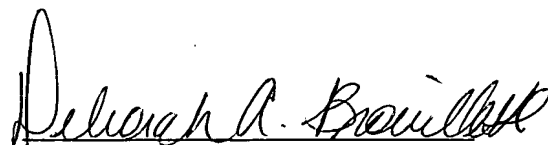
CERTIFICATE UNDER 37 CFR 1.10 - EXPRESS MAIL

I hereby certify that the correspondence stapled hereto and identified below is being deposited by me with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450, on June 23, 2005. The number of the "Express Mail" mailing label place thereon prior to mailing is ED 655963889US.

Said correspondence consists of the following:

- (1) 2-page Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371;
- (2) 24-page Patent Application (including Specification, Claims and Abstract of WO 02/41479);
- (3) 2-page Copy of executed Declaration;
- (4) 4-page Preliminary Amendment;
- (5) 1-page Copy of Power of Attorney and Correspondence Address; and
- (6) 1-page Copy of Statement Under 37 CFR 3.73(b) with 1-page copy of Assignment attached.

A return postcard is attached hereto.


Deborah A. Brouillette

Telephone: (225) 291-4600

Dated: June 23, 2005